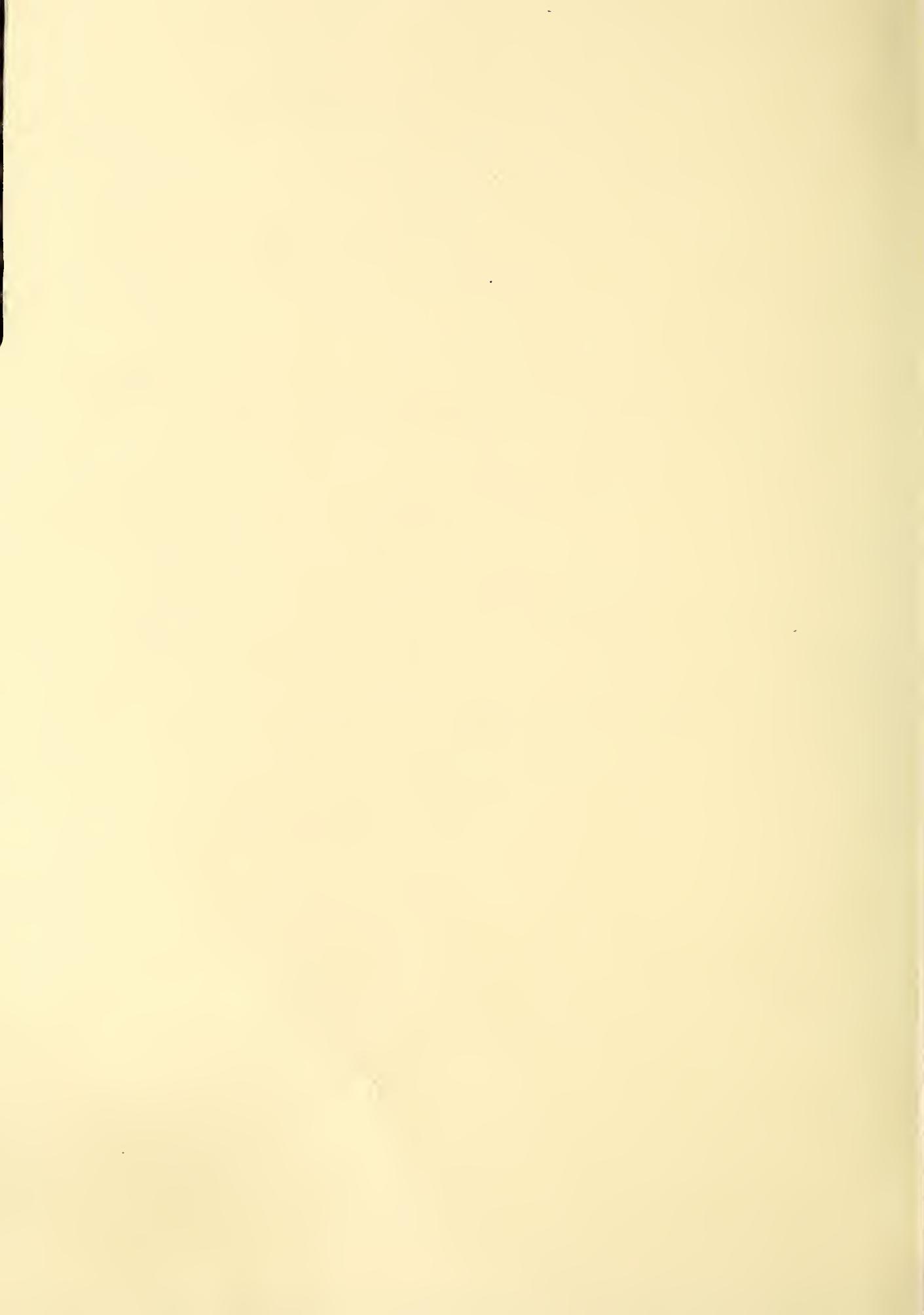


## **Historic, Archive Document**

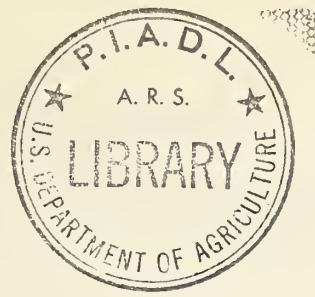
**Do not assume content reflects current scientific knowledge, policies, or practices.**



eserve

4241.71

Am 5M



U. S. DEPT. OF AGRICULTURE  
NATIONAL AGRICULTURAL LIBRARY  
RECEIVED

NOV 5 1971

PROCUREMENT SECTION  
CURRENT SERIAL RECORDS

MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 9, NO. 8, AUGUST 1971

(PAGE NOS. 114 - 140)

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
VETERINARY SCIENCES RESEARCH DIVISION  
PLUM ISLAND ANIMAL DISEASE LABORATORY  
POST OFFICE BOX 848  
GREENPORT, LONG ISLAND, NEW YORK 11944



EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
  - PIL - Article appears in a periodical (journal) in library.
  - PIL/A - Article authored by PIADL staff member(s).
  - NUMBER - Publication is available in "Reprint File" under indicated number.
  - LIBR. CLASSIF. CALL NUMBER - Book is available in library.
  - CIRC. FILE - Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

AL-AUBAIDI, J. M., and FABRICANT, J. PIL  
 Characterization and classification of bovine  
Mycoplasma.  
 CBPP; Cont. agalactia; Caprine pleuro.  
 Cornell Vet. 61(3):490-518, 1971.

AL-AUBAIDI, J. M., and FABRICANT, J. PIL  
 The practical application of immunofluorescence  
 (agar block technic) for the identification  
 of Mycoplasma.  
 CBPP; Cont. agalactia; Caprine pleuro.  
 Cornell Vet. 61(3):519-542, 1971.

AYOUB, H., and SINGH, K. V. PIL  
 Identification of bluetongue in U.A.R. (Egypt).  
 A progress report.  
 Contagious ecthyma; FMD; Rinderpest;  
 Bull. Epizoot. Dis. Afr. 18(2):123-136, 1970.

BUTLER, M., and ELLAWAY, W. J. PIL  
 Growth and cytopathogenicity of mycoplasma in  
 human and chicken trachea explants.  
M. mycoides var. capri; M. mycoides var. mycoides;  
M. agalactiae.  
 J. Comp. Pathol. 81(3):359-364, 1971.

\* \* \* \* \* \* \* \* \* \* \* \* \*  
 \* CENTRAL TREATY ORGANIZATION (CENTO). SEMINAR #8588 \*  
 \* ON VETERINARY INVESTIGATIONAL AND DIAGNOSTIC \*  
 \* METHODS. Istanbul, Turkey, September 14-18, 1970. \*  
 Report. Ankara, Turkey, Office of the U.S.  
 Economic Coordinator for CENTO Affairs, c/o  
 American Embassy, 1971.  
 108 p.  
 FMD; Rinderpest; Cont. agal., CBPP; AHS;  
 Sheep pox; Goat pox; Caprine pleuro.;  
 Cont. ecthyma; VSV.



MULTIPLE SUBJECT AREA

AKHTAR, A. S.

Improvement of the utilization of diagnostic serum production centers as a training base for teaching rural livestock (veterinary) technicians better methods of diagnosing diseases on ranges and in feedlots of regional countries.

FMD; Rinderpest; VSV; Sheep pox; Cont. ecthyma. p. 92-101.

İYİGOREN, B.

Diagnostic laboratories and their use in Turkey.

Rinderpest; FMD.

p. 33-36.

KHAN, M. I.

Relationship of diagnostic centers to animal production problems and livestock development projects.

Rinderpest; FMD.

p. 59-61.

MIRCHAMSY, H., and HAZRATI, A.

Occurrence and diagnosis of some animal viral diseases in Iran.

Rinderpest; Sheep pox.

p. 50-54.

SAGKAL, S.

Control methods used against contagious animal disease.

Rinderpest; FMD; CBPP; Sheep pox; Goat pox; Caprine pleuro.; Cont. agal.; AHS.

p. 27-32.

\* " " SUTCU, M.

Diagnosis of foot-and-mouth disease.

FMD; VSV; VE(cattle).

\* \* \* \* \*

p. 67-70. \*

\* \*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*



MULTIPLE SUBJECT AREA

ANDERSON, R. J.

Disease problems associated with the importation and exportation of food animals and animal products. 1. The U.S. viewpoint.  
FMD; Rinderpest; East Coast fever; ASF; AHS. p. 21-24.

BLOOD, B. D.

Public health implications associated with the international movement of food animals and animal products. 2. Preventive measures— the United States.  
Rinderpest; FMD; ASF.

p. 64-68.

FARIA, J. da

Disease problems associated with the importation and exportation of food animals and animal products. 2. The Brazilian viewpoint.  
FMD; Rinderpest.

p. 25-28.

HAYES, F. A.

Disease associated with the importation of wildlife.  
FMD; Rinderpest; CBPP; Lumpy skin dis.; ASF;  
Louping ill; Nairobi sheep dis.; Sheep pox;  
RVF; Teschen dis.; AHS.

p. 154-157.

JEFFERIES, J. C.

Health aspects of the movement of disease organisms and vectors.

FMD; Rinderpest; ASF; AHS; CBPP; Fowl plague. p. 140-143.

KARSTAD, L. H.

Hazards of latent and subclinical viral infections in large exotic mammals.  
FMD; VS; Bluetongue-Cattle; Rinderpest; ASF;  
Louping ill; Scrapie; Visna.

p. 172-178.

LOMBARDO, R.

Problems of producers and processors in the international movement of food animals and animal products. 3. Problems related to the development and integration of Latin America.  
FMD; Rinderpest; ASF.

p. 52-57.

MORO, M.

Diseases of the Auchenidae.  
FMD; VSV.

p. 158-164.

SCHUMAN, L. M.

Summary.  
FMD; Rinderpest; CBPP; ASF.

p. 3-18.

SZYFRES, B.

Public health implications associated with the international movement of food animals and animal products. 3. Preventive measures— Latin America.  
Scrapie; FMD.

p. 69-72.



MULTIPLE SUBJECT AREA

VAGTBORG, H.

Keynote address.

Rinderpest; Nairobi sheep disease; AHS; ASF;  
FMD.

p. 147-149.

VILLEGRAS DELGADO, M.

Disease problems associated with the importation  
and exportation of food animals and animal  
products. 4. The Venezuelan viewpoint.

FMD; CBPP; ASF; Rinderpest.

p. 32-42.

VITTOZ, R.

World Reporting Service on the status of  
epizootics.

\* FMD; Rinderpest; Sheep pox; ASF; Teschen dis.; \*\*  
\* CBPP; Lumpy skin dis.; AHS. p. 165-168. \*  
\* \* \* \* \* \* \* \* \* \*

JANSEN, B. C.

SF 605 I48

Animal health problems in the international  
movement of animals.

Bluetongue-Cattle; AHS; ASF; FMD.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:8-21, 1971.

PIL

LUEDKE, A. J.

Distribution of virus in blood components during  
viremia of bluetongue.

ASF; Bluetongue-Cattle.

U. S. Anim. Health Assoc., Proc. 74:9-21, 1970,  
publ. 1971.

PIL

MARKUSFELD, O., and MAYER, E.

An arthrogryposis and hydranencephaly syndrome  
in calves in Israel, 1969/70 — Epidemiological  
and clinical aspects.

Ephemeral fever; Bluetongue-Cattle; FMD.

Refu. Vet. 28(2):51-61, 1971.

MULHERN, F. J.

SF 605 I48

Animal health problems in the international  
movement of animals.

FMD; Rinderpest.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 3:826-830, 1971.

OJO, M. O.

PIL

A review of the microbial diseases of goats in Nigeria.

Caprine pleuro.; Cont. agalactia;

Cont. ecthyma; Rinderpest; Goat pox.

Bull. Epizoot. Dis. Afr. 19(1):5-13, 1971.



MULTIPLE SUBJECT AREA

PERITZ, F.J.

Animal disease and the world meat trade.

FMD; AHS.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 3:831-835, 1971.

SF 605 I48

PERREAU, P.

Le role pathogene des mycoplasmes en medecine  
veterinaire.

English summary.

CBPP; Caprine pleuro.; Cont. agalactia.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:208-211, 1971.

SF 605 I48

RUIZ MARTINEZ, C.

Encefalomielitis equina de las Americas.

English summary, p. 395-398.

Bibliography, p. 343-353.

VEE; Borna disease.

Bull. Off. Int. Epizoot. 57(3/4):302-353(Span.);  
354-395(Fr.), 1962.

PIL

TESSLER, J., and YEDLOUTSCHNIG, R.J.

Immunofluorescence for the identification of  
bovine, caprine, and ovine mycoplasma.

M. mycoides var. capri; M. mycoides var. mycoides;  
M. agalactiae.

Bacteriol. Proc. 71:93(M171), 1971.

PIL/A

U.S. ANIMAL HEALTH ASSOCIATION. COMMITTEE ON  
FOREIGN ANIMAL DISEASES.

Research on vesicular diseases.

VES; VSV; FMD.

U.S. Anim. Health Assoc., Proc. 74:255-259, 1970,  
publ. 1971.

PIL

VITTOZ, R.

Note by the Director of the Office International des  
Epizooties on the impressive spread of  
Venezuelan equine encephalomyelitis (VEE)  
in the Americas.

VEE; Borna disease.

Mimeogr. copy, 10 p., July 27, 1971.

#8584

YEDLOUTSCHNIG, R.J., and others.\*

Bovine herpes mammillitis-like disease diagnosed  
in the United States.

BM; Lumpy skin disease.

U.S. Anim. Health Assoc., Proc. 74:208-212, 1970,  
publ. 1971.

\*S.S. Breese, Jr., W.R. Hess, A.H. Dardiri,  
W.D. Taylor, D.M. Barnes, R.W. Page, and H.J. Ruebke.

PIL/A &  
#7309



AFRICAN HORSE SICKNESS

KEMP, G.E., HUMBURG, J.M., and ALHAJI, I.  
Isolation and identification of African horse-  
sickness virus in Nigeria.  
Vet. Rec. 89(4):127-128, 1971.

PIL

OELLERMANN, R.A.  
Plaque formation by African horsesickness virus  
and characterization of its RNA.  
Onderstepoort J. Vet. Res. 37(2):137-143, 1970.

PIL

AFRICAN SWINE FEVER

ANON.  
African swine fever reported in Cuba.  
J. Am. Vet. Med. Assoc. 159(4):394-395, 1971.

PIL

ANON.  
African swine fever spreads to Cuba.  
Foreign Agric. (USDA) 9(31):11, 1971.

PIL

CASTAGNOLI, B.  
Differential clinical and post-mortem diagnosis  
of African swine fever and swine fever.  
Atti Soc. Ital. Sci. Vet. 23(1969):955-958,  
1970 (I.e.f.).  
Index Vet. 38(4):37, 1970, publ. 1971.

PIL

DARDIRI, A.H., and HESS, W.R.  
Pathogenesis of African swine fever in pigs.  
U.S. Anim. Health Assoc., Proc. 74:213-224, 1970,  
publ. 1971.

PIL/A &  
#7313

FARM JOURNAL.  
With African swine fever just 90 miles offshore  
in Cuba, ...  
Farm J. 95(9):22, 1971.

CIRC.FILE

INSTITUTO NACIONAL DE MEDICINA VETERINARIA.

Havana, Cuba.  
Reporte preliminar del brote de fiebre porcina  
africana en Cuba.  
Xerox copy, 34 p., July 25, 1971.

#8587

NEWSPAPER CLIPPINGS - African swine fever.

#8553/2-9

PETISCA, J.L.N., and LIMPO SERRA, J.J.B.  
Pathology of some diseases of domesticated  
animals. III. African swine fever.  
Vet. Moçamb. (Mozambique) 3:1-6, 1970 (Por.e.f.i.).  
Vet. Bull. 41(7):546(3360), 1971.

PIL

SANCHEZ BOTIJA, C., ORDAS, A., and GONZALES, J.G.  
La immunofluorescenza indiretta applicata alla  
ricerca degli anticorpi nella peste suina  
africana. Suo valore diagnostico.  
English summary, p. 164.  
Zooprofilassi 26(3/4):111-128, 1971.

PIL



AFRICAN SWINE FEVER

USKAVITCH, R., comp.

Bibliography of African swine fever, Supplement  
No. 2, July 1967 - July 1971. Greenport, L.I.,  
N.Y., U.S. Dep. Agric., Agric. Res. Serv., Vet.  
Sci. Res. Div., Plum Island Anim. Dis. Lab.,  
23 p., 1971.

#6380

VITTOZ, R.

Note by the Director of the Office International  
des Epizooties concerning the essential  
importance of a strict observance of the main  
rules for prophylaxis and control of African  
swine fever.

Mimeogr. copy, 7 p., July 1st, 1971.

#8591

BOVINE MAMMILLITIS

ANON.

Bovine viral mammillitis.

Mod. Vet. Pract. 51(13):50-51, 1970.

Biores. Index 7(7):1217(52492), 1971.

PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

ERDAG, O.

Contagious agalactia of sheep and goats.

In: CENTO Semin. Vet. Invest. Diagn. Methods,  
held Istanbul, Turkey, 1970, p. 74-78.  
Ankara, Turkey, Office of the U.S. Economic  
Coordinator for CENTO Affairs, c/o American  
Embassy, 108 p., illus., 1971.

#8588

FOGGIE, A., and others.\*

Contagious agalactia of sheep and goats. Immunity  
of lactating ewes vaccinated before mating  
with live or dead vaccines.

J. Comp. Pathol. 81(3):393-400, 1971.

\*J.R. Etheridge, O. Erdag, and F. Arisoy.

PIL

HAZRATI, A., and MIRCHAMSY, H.

Contagious agalactia with emphasis on the  
diagnosis procedure in Iran.

In: CENTO Semin. Vet. Invest. Diagn. Methods,  
held Istanbul, Turkey, 1970, p. 79-80.  
Ankara, Turkey, Office of the U.S. Economic  
Coordinator for CENTO Affairs, c/o American  
Embassy, 108 p., illus., 1971.

#8588

CONTAGIOUS BOVINE PLEUROPNEUMONIA

BOKORI, J., and others.\*

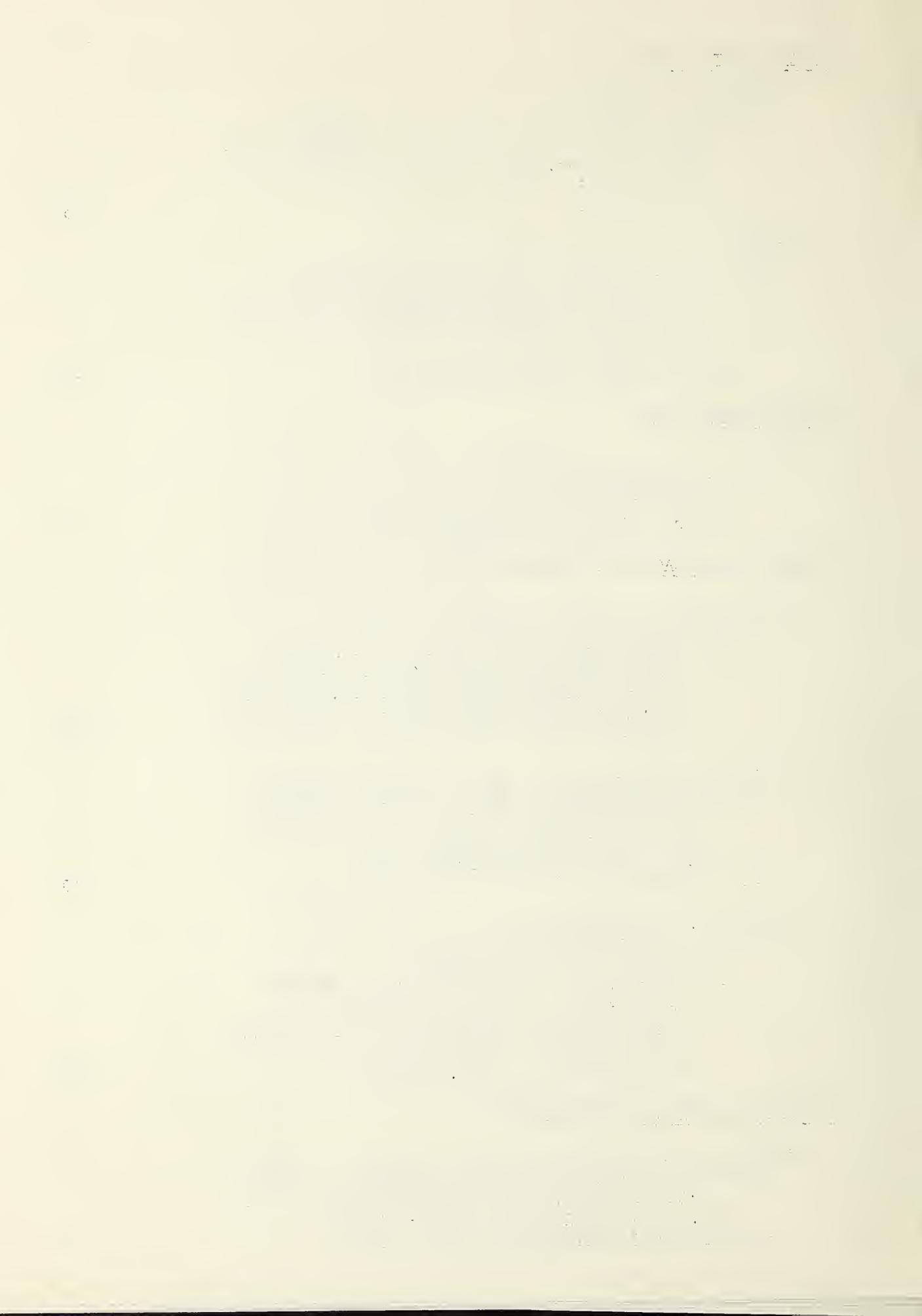
Incidence of bovine mycoplasma infection in Hungary.

Acta Vet. Acad. Sci. Hung. 21(1):61- , 1971.

Curr. Contents-Life Sci. 14(33):102, 1971.

\*Z. Horvath, L. Stipkovits, and L. Molnar.

PIL



CONTAGIOUS BOVINE PLEUROPNEUMONIA

CAMARA, A.

Traitemet de la peripneumonie contagieuse du  
boeuf par les antibiotiques. Etude clinique.  
(Antibiotherapy of bovine contagious  
pleuropneumonia. Clinical study.)  
English summary.

Rev. Elev. Med. Vet. Pays Trop. 24(2):219-232, 1971.

PIL

GILBERT, F.R., and WINDSOR, R.S.

The immunizing dose of T<sub>1</sub> strain Mycoplasma  
mycoides against contagious bovine  
pleuropneumonia.

Trop. Anim. Health Prod. 3(2):71-76, 1971.

PIL

HEALEY, J.S.

Development of livestock disease control in  
New South Wales.

Agric. Gaz. N. S. W. 81:230-234, 1970.

Index Vet. 38(4):101, 1970, publ. 1971.

PIL

KARST, O.

A comparison of 2 vaccines against contagious  
bovine pleuropneumonia.

Res. Vet. Sci. 12(1):18-22, 1971.

PIL

KENNY, G.E.

Serological cross-reaction between lipids of  
Mycoplasma pneumoniae and Mycoplasma  
neurolyticum.

Infect. Immun. 4(2):149-153, 1971.

PIL

KLODNITSKAYA, L.N., and LIKHACHEV, N.V.

Morphology of mycoplasma strains isolated from  
the spleen of cows with lymphosarcoma.

Dokl. Vses. Akad. S-kh. Nauk (9):24-26,  
1970 (Russ.).

Vet. Bull. 41(7):536(3289), 1971.

PIL

PROVOST, A.

Revue des conraissances recentes en matiere de  
peripneumonie contagieuse bovine. (Review of  
recent knowledge on contagious bovine  
pleuropneumonia.)  
English summary.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:340-343, 1971.

SF 605 I48

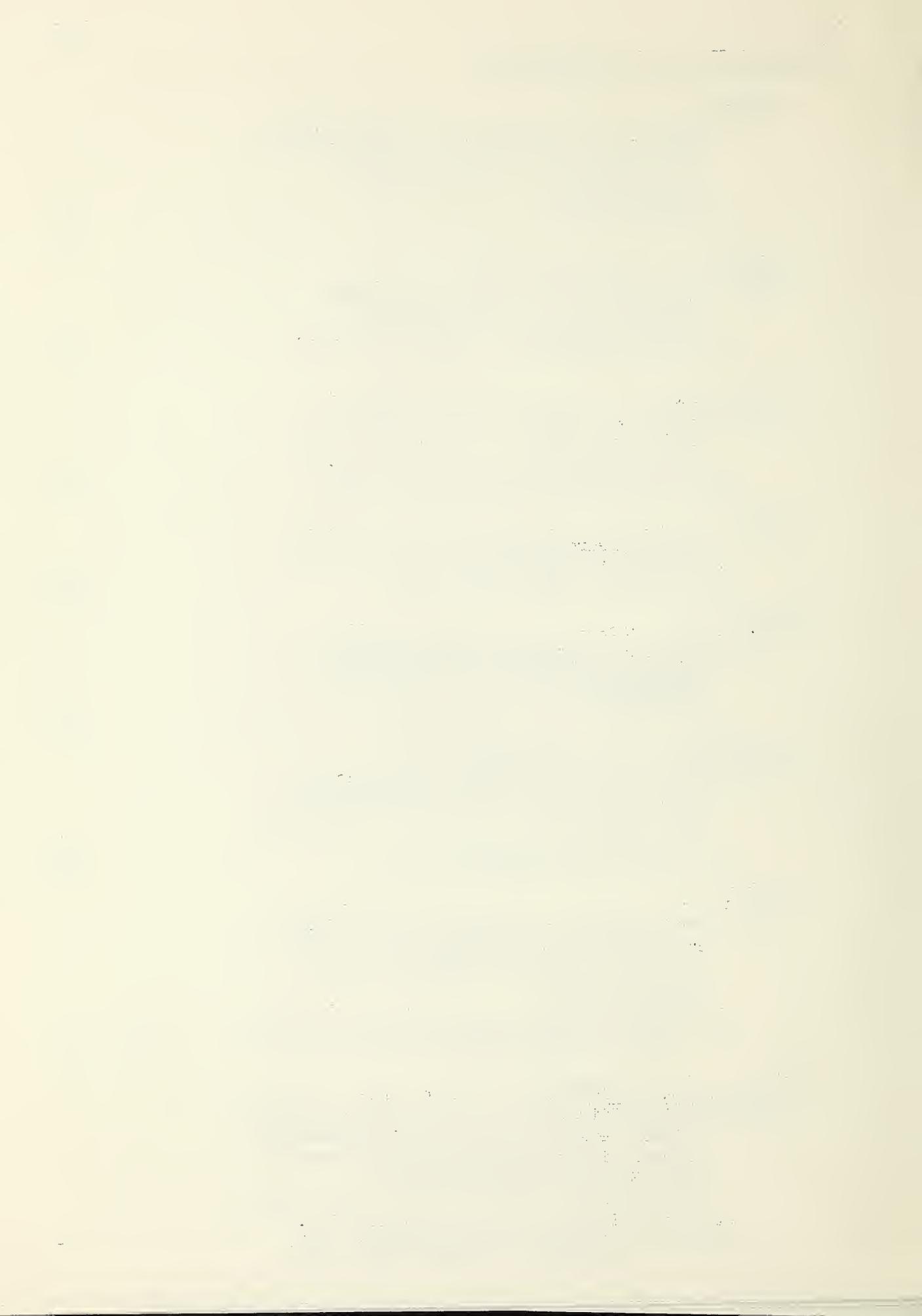
PROVOST, A., and JOUBERT, L.

Mycoplasma mycoides et la peripneumonie contagieuse  
bovine. Situation parmi les mycoplasmes des  
animaux: enseignements epidemiologiques,  
immunologiques et pathogeniques.

Bull. Soc. Sci. Vet. Med. Comp. (Lyon) 72(6):  
519-528, 1970.

Cited in: Inst. Fr. Fievre Aphteuse "Ref.  
Bibliogr.", S4 0655, March 1971.

---



CONTAGIOUS BOVINE PLEUROPNEUMONIA

STONE, S.S.

The nature of antibodies in serological tests for contagious bovine pleuropneumonia.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:348-350, 1971.

SF 605 I48

CONTAGIOUS ECTHYMA OF SHEEP

BALGANBAEV, E. Kh.

Contagious pustular dermatitis of sheep in Kazakhstan.  
Veterinariya (Mosc.) (7):50-51, 1970 (Russ.).  
Index Vet. 38(4):17, 1970, publ. 1971.

PIL

KERRY, J.B., and POWELL, D.G.

The vaccination of young lambs against contagious pustular dermatitis.

Vet. Rec. 88(25):671-672, 1971.

PIL

DUCK PLAGUE

SOMERS, R.K.

Public health implications associated with the international movement of food animals and animal products. 1. Protecting the consumer.

In: Int. Symp. Health Aspects Int. Movement Anim.  
(San Antonio, Texas, 1968), p. 61-63.  
Washington, D.C., Pan Am. Health Organ.,  
Sci. Publ. No. 182, xiv, 194 p., illus., 1969.

S 573 IN44

TOTH, T.E.

Two aspects of duck virus enteritis: parental immunity, and persistence/excretion of virulent virus.

U.S. Anim. Health Assoc., Proc. 74:304-314, 1970,  
publ. 1971.

PIL

EAST COAST FEVER

BURRIDGE, M.J.

Application of the indirect fluorescent antibody test in experimental East Coast fever (Theileria parva infection of cattle).

Res. Vet. Sci. 12(4):338-341, 1971.

PIL

FLENSBURG, J.C.

Tick-borne diseases, especially East Coast fever.  
Medlemsbl. Dan. Dyrlægeforen. 13:401-404,  
1970 (Dan.).

Index Vet. 38(4):79, 1970, publ. 1971.

PIL

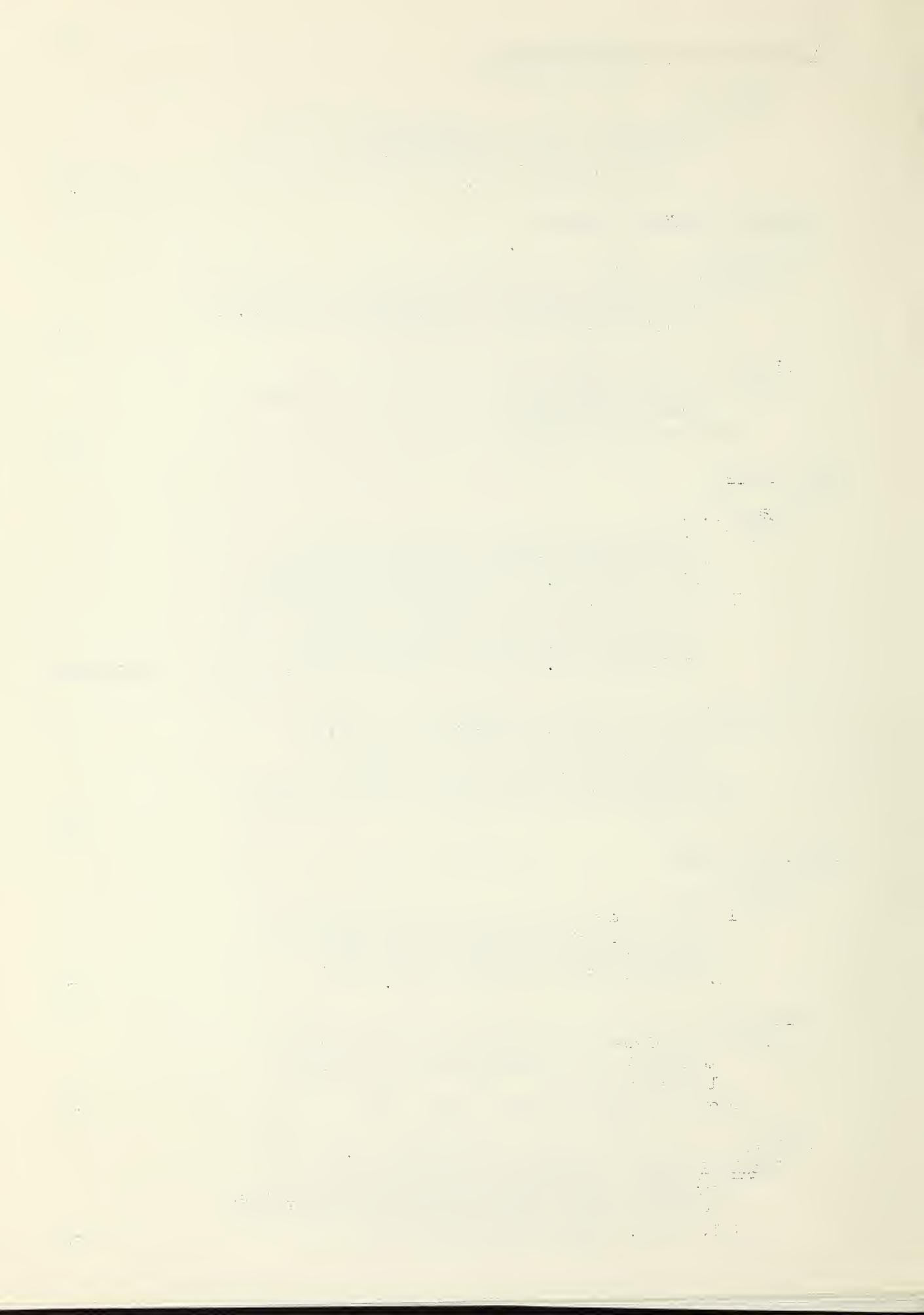
PURNELL, R.E., BOARER, C.D.H., and PEIRCE, M.A.

Theileria parva: comparative infection rates of adult and nymphal Rhipicephalus appendiculatus.

Parasitology 62(2):349-353, 1971.

Biol. Abstr. 52(14):7960(79694), 1971.

PIL



EPHEMERAL FEVER

LECATSAS, G.

Further observations on the ultrastructure of  
ephemeral fever virus.

Onderstepoort J. Vet. Res. 37(2):145-146, 1970.

PIL

FOOT-AND-MOUTH DISEASE

ANDERSON, E.

The immune response of pigs to inactivated foot-  
and-mouth disease vaccines.

Thesis--Univ. Reading.

Cited in: Anim. Virus Res. Inst.(Pirbright) -  
Foot and Mouth Dis. Ref., June 25, 1971.

---

ANDERSON, E.C., MASTERS, R.C., and MOWAT, G.N.

Immune response of pigs to inactivated foot-and-  
mouth disease vaccines. Response to DEAE-  
dextran and saponin adjuvanted vaccines.

Res. Vet. Sci. 12(4):351-357, 1971.

PIL

ANDERSON, E.C., MASTERS, R.C., and MOWAT, G.N.

Immune response of pigs to inactivated foot-and-  
mouth disease vaccines. Response to emulsion  
vaccines.

Res. Vet. Sci. 12(4):342-350, 1971.

PIL

ANDRYUNIN, Y.I., OXENENKO, O.F., and ROZOV, A.A.

Disinfection of skins and wool, contaminated with  
foot and mouth disease virus, by gamma-rays  
from a radiocobalt source

Tr. Vses. Nauchno-Issled. Inst. Vet. Sanit.  
35:282-288, 1970 (Russ.e.).

Vet. Bull. 41(7):596(3719), 1971.

PIL

ASSO, J.

L'emploi de virus vivant non pathogene dans la  
vaccination du porc contre la fievre aphteuse.  
(Use of non-pathogenic live virus in the  
vaccination of the pig against foot-and-mouth  
disease.)

English summary.

Ann. Zootech. (Paris) 19(4):522-523, 1970 (Fr.).

Foot and Mouth Dis. Bull.(Wellcome Res. Labs., Kent)  
10(8):131(71/134), 1971 (Abstract only).

SF 793 W4

BURROWS, R., and others.\*

The growth and persistence of foot-and-mouth  
disease virus in the bovine mammary gland.

J. Hyg. (Camb.) 69(2):307-321, 1971.

\*J.A. Mann, A. Greig, W.G. Chapman, and D. Goodridge.

PIL

CAMPBELL, C.H.

Selection of foot-and-mouth disease virus by  
adsorption with homogenized calf kidney  
and passage in cell cultures.

Bacteriol. Proc. 71:185(V102), 1971.

PIL/A



FOOT-AND-MOUTH DISEASE

CAPEL-EDWARDS, M.

The susceptibility of three British small mammals to foot-and-mouth disease.

J. Comp. Pathol. 81(3):433-436, 1971.

PIL

CHAPMAN, W.G., and RAMSHAW, I.A.

Growth of the IB-RS-2 pig kidney cell line in suspension culture and its susceptibility to foot-and-mouth disease virus.

Appl. Microbiol. 22(1):1-5, 1971.

PIL

CIOLOCA, T., MARSCHANG, F., and SCHÄFFER, F.

Beitrag zum Studium des immunologischen Wertes von Schweinerekonvaleszentenblut und seine Bedeutung für die Prophylaxe der MKS. (The immunological value of pig convalescent blood and its significance in the prophylaxis of foot-and-mouth disease.)

English summary.

Zentralbl. Veterinärmed., Reihe B 18(3):190-196, 1971.

PIL

\* \* \* \* \*

CONFEDERACION INTERAMERICANA DE GANADEROS. INFORME DEL PRIMER SEMINARIO HEMISFERICO SOBRE SANIDAD ANIMAL Y FIEBRE AFTOSA. Panama, June 16-20, 1971, 324 p., illus., 1971.

SF 793 C64

\* \* \* \*

ACHA, P.

Essential sanitary regulations including enforcement.

p. 82-92

ARCE, A.A.

El significado economico de la fiebre aftosa para los ganaderos y para las naciones.

p. 93-111D

CASTRO, A.

Proyecto de banco ganadero para prevencion de la fiebre aftosa.

p. 126-132

ESTUPINAN A., J.

Programas de control y erradicacion de la fiebre aftosa en Suramerica.

p. 142-167

GOIC, R.

Historia de la fiebre aftosa en America del Sur.

p. 32-39

REA, T.

Danger of contamination of the aftosa in the Centroamerican Insthmus "el Tapon del Darien".

p. 66-74

SALAS D., A.E.

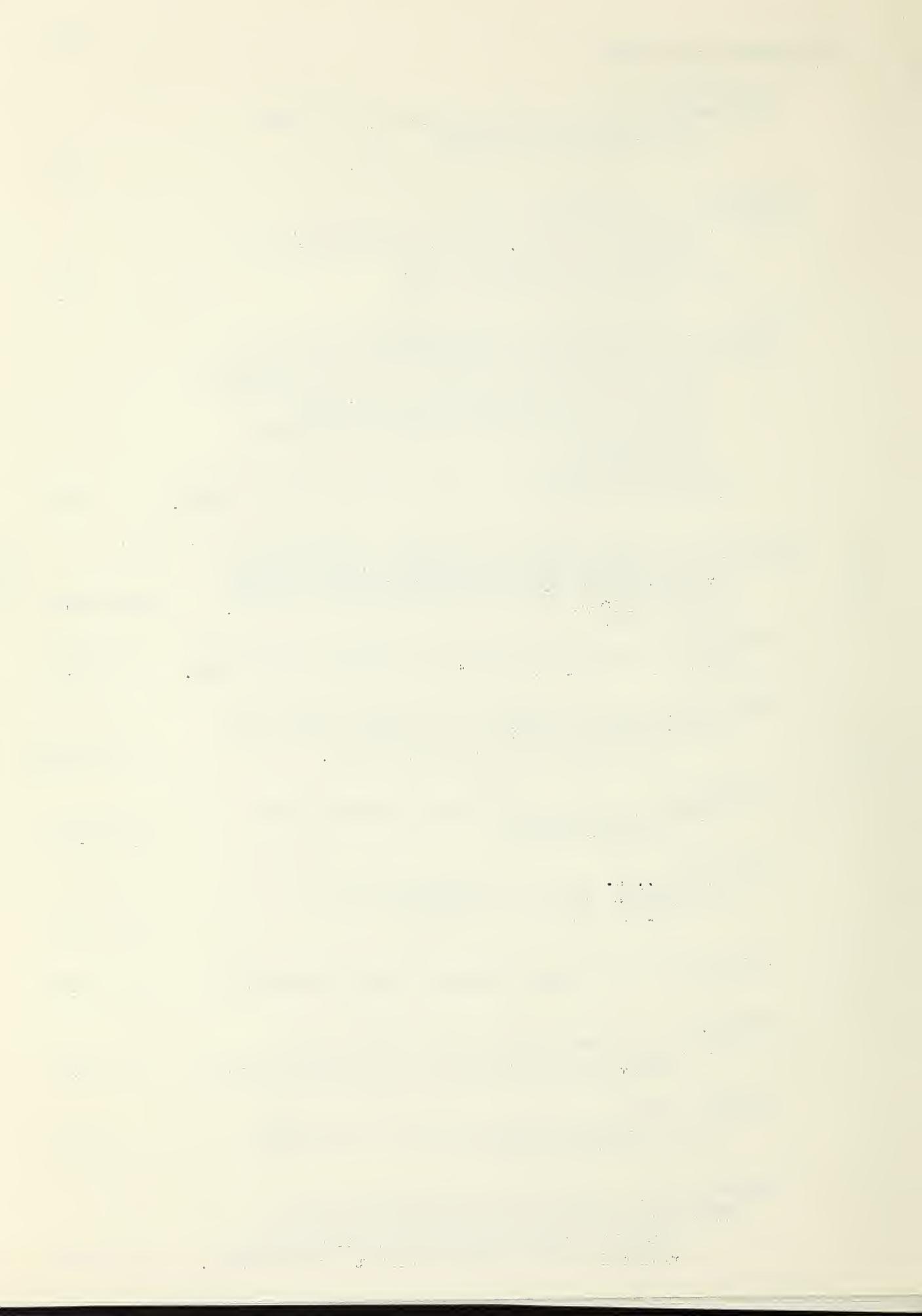
Panama: "veinte anos de lucha en la prevencion de la fiebre aftosa".

p. 75-81

SAULMON, E.E.

Prevention of entry of foot-and-mouth disease into free countries through international, national, local, public, private organization.

p. 133-141



FOOT-AND-MOUTH DISEASE

CONFEDERACION..., continued:-

SHARMAN, R.

History of foot-and-mouth disease in the  
United States of America.

FMD; VSV; VES.

p. 40-46

SOLANO A., J.L.

Cooperacion internacional para la lucha contra la  
fiebre aftosa.

p. 117-125

TELLAECHE, R., and RETA PETTERSON, G.

La aparicion de la fiebre aftosa en Mexico.

p. 47-65

\*

\*

\*

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

ERCEGOVAC, D., and KRSTIC, A.

Evaluation pratique du role du vaccin et du serum  
dans la lutte contre la fievre aphteuse chez le porc.

Bull. Off. Int. Epizoot. 75(1-2):21-26, 1971.

PIL

EYAL, J., and MAYER, E.

Hypersensitivity in Israeli-Friesian cattle  
following foot and mouth disease vaccination.

Refu. Vet. 28(2):62-69, 1971.

PIL

FAYET, M.T., and others.\*

Mesure physico-chimique des particules  $140\text{S}$  du  
virus de la fievre aphteuse. (Physico-chemical  
measurement of  $140\text{S}$  particules of foot-and-  
mouth disease virus.)

English summary.

Ann. Inst. Pasteur (Paris) 121(1):107-118, 1971.

\*D. Fargeaud, P. Louisot, C. Stellmann, and

M. Roumiantzeff.

PIL

GORSKII, B.V., MIKHAILOV, V.N., and FROLOV, N.S.

Effect of poor nutrition on foot and mouth  
disease in mice and guinea-pigs.

Uch. Zap. Kazan. Vet. Inst. 105:24-28, 1969 (Russ.).

Vet. Bull. 41(7):539-540(3312), 1971.

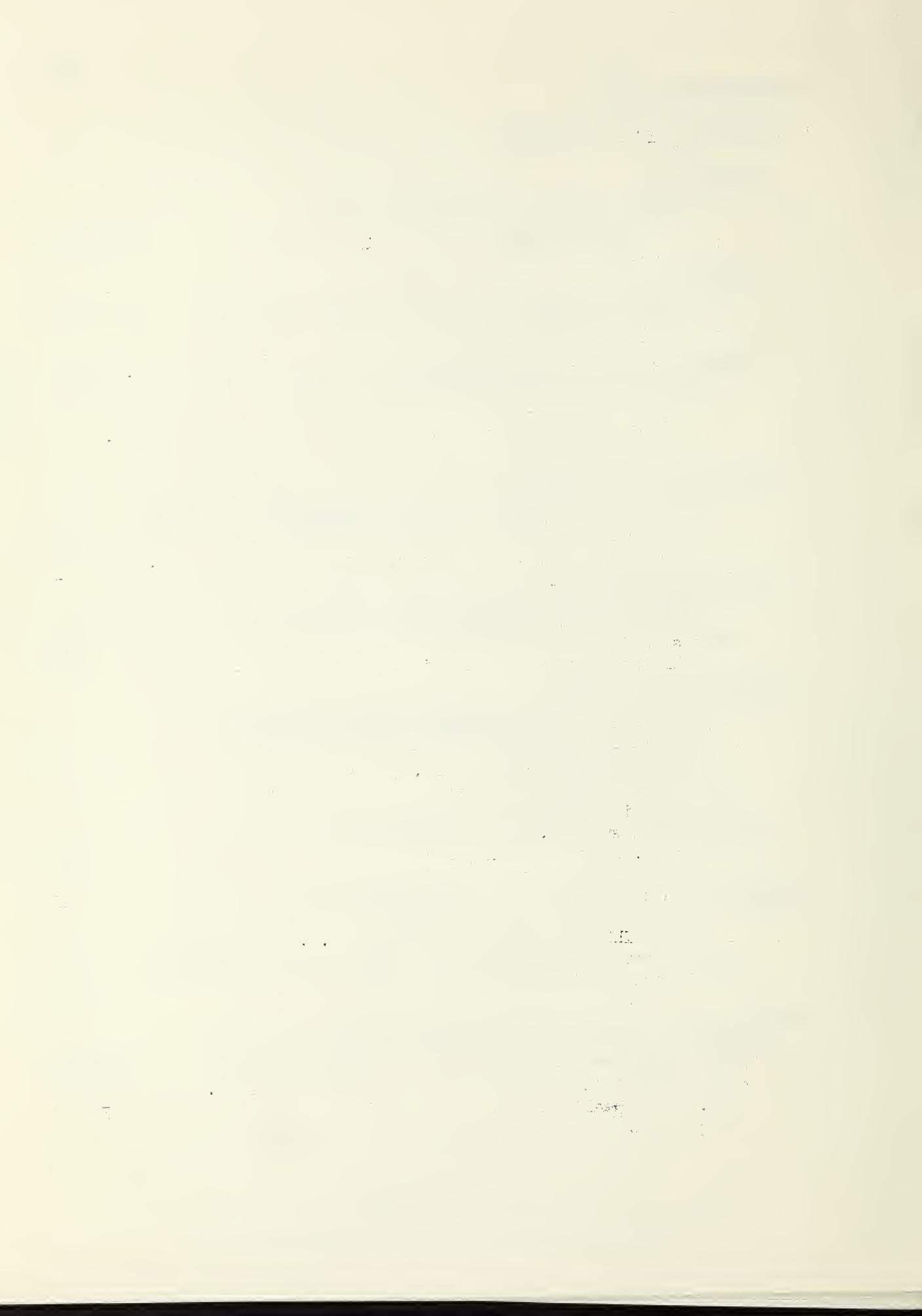
PIL

GRAVES, J.H., McVICAR, J.W., and SUTMOLLER, P.

Spectrum of clinical foot-and-mouth disease in steers.

U.S. Anim. Health Assoc., Proc. 74:199-207, 1970,  
publ. 1971.

PIL/A &  
#7310



FOOT-AND-MOUTH DISEASE

\* \* \* \* \*

INTERNATIONAL SYMPOSIUM ON HEALTH ASPECTS OF THE  
 INTERNATIONAL MOVEMENT OF ANIMALS (San Antonio,  
 Texas, 1968). Washington, D.C., Pan Am. Health  
 Organ., Sci. Publ. No. 182, xiv, 194 p., illus., 1969. S 573 IN44

FOSTER, H.L.

Health problems related to the importation-  
 exportation of rodents for research.

p. 132-135

McMILLAN, C.W.

Problems of producers and processors in the  
 international movement of food animals and  
 animal products. 1. Problems of U.S. cattlemen.

p. 43-44

MEHREN, G.L.

Remarks on the importance of the animal industry  
 to the Americas.

p. ix-xiv

OCHOA Y OCHOA, O.

Problems of producers and processors in the  
 international movement of food animals and  
 animal products. 2. Problems of Latin  
 American cattlemen.

p. 45-51

STEWART, W.H.

Keynote address— United States.

p. 79-82

WELLS, K.F.

Disease problems associated with the importation  
 and exportation of food animals and animal  
 products. 3. The Canadian viewpoint.

p. 29-31

\*

\*

\*

\*

\*

\*

\*

\*

\*

\*

JARNYCH, V.S.

Die Mechanisierung der Desinfektionsmassnahmen in  
 MKS-Seuchenherden.

Tr. Vses. Nauchno-Issled. Inst. Vet. Sanit.  
 27:457-464, 1968 (Russ.).

Abstr. in: Monatsh. Veterinärmed. 26(10):392, 1971(Ger.).

PIL

KINDYAKOV, V.I., and others.\*

Epidemiological significance of wild Artiodactyla  
 in foot and mouth disease (Saiga tartarica).  
 Veterinariya (Mosc.) (9):52-53, 1970 (Russ.).

Index Vet. 38(4):121, 1970, publ. 1971.

\*

PIL

LAZARUS, L.H., and others.\*

Synergistic effect of magnesium and spermidine  
 on FMDV replicase activity.

Proj. No. A10-ADP-13; Grant No. FG-IS-258.

Typewritten copy, August 2, 1971.

\*M. Popescu, R. Barzilai, and N. Goldblum.

#8594



FOOT-AND-MOUTH DISEASE

LAZNICKA, F., HUBIK, R., and HRIB, J.

Kontrola ucinnosti vakciny proti slintavce a kulhavce na morcotech. (Use of guinea-pigs for the control of effectiveness of vaccines against foot-and-mouth disease.)

English summary.

Vet. Med. (Praha) 16(4):269-280, 1971 (Czech.).

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 10(8):139, 1971.

SF 793 W4

LUCAM, F., and others.\*

Etude immunologique des sous-types du virus aphteux.

Principe - Methode - Application.

Bull. Off. Int. Epizoot. 75(1-2):1-20, 1971.

\*G. Dannacher, J.P. Thomas, N. Magallanes,

E. Giambruno, J. Marin, K. Federer, and A. Alonso.

PIL

McVICAR, J.W., GRAVES, J.H., and SUTMOLLER, P.

Growth of foot-and-mouth disease virus in the bovine pharynx.

U.S. Anim. Health Assoc., Proc. 74:230-234, 1970, publ. 1971.

PIL/A & #

MARTINSEN, J.S.

Two plaque-size variants of foot-and-mouth disease virus differing in neutralization by guinea-pig antisera.

Res. Vet. Sci. 12(4):399-400, 1971.

PIL/A & #

MERESTA, L.

The leucergic reaction in cattle after the inoculation of virus antigen.

Pol. Arch. Weter. 12(1969):209-224, 1970 (Pol. e. r.).

Index Vet. 38(4):145, 1970, publ. 1971.

PIL

MIGNONE, R.M., and PESO, O.A.

Contribucion al control de las vacunas antiaftosas - Estudio comparativo entre la determinacion de la dosis protectora 50 (DPC 50) para el cobayo y el indice K (Lucam y Fedida).

In: Int. Congr. Microbiol.-Abstr., 10th, Mexico City, p. 117(Fd-6), xv, 278 p., 1970.

QR 6 IN25m

MOREAU, Y.

Methode d'inhibition de la fixation du complement sur autoanalyzer technicon applicable au titrage des anticorps aphteux de bovins. Colloq. Tech. Appl. Anal. Autom. Immunol., 127-142, 1969.

Cited in: Inst. Fr. Fievre Aphteuse "Ref. Bibliogr.", S4 0532, March 1971.

---

NETTO, L.P.

Isolamento de virus aftoso de semen bovino. (Isolation of foot-and-mouth disease virus from bovine semen.) English abstract.

Arq. Inst. Biol. (Sao Paulo) 38(1):27-29, 1971.

S 191 B2



FOOT-AND-MOUTH DISEASE

OKAY, G.

Foot-and-mouth disease in Turkey.

In: CENTO Semin. Vet. Invest. Diagn. Methods,  
held Istanbul, Turkey, 1970, p. 65-66.  
Ankara, Turkey, Office of the U.S. Economic  
Coordinator for CENTO Affairs, c/o American  
Embassy, 108 p., illus., 1971.

#8588

PARKER, J.

Presence and inactivation of foot-and-mouth  
disease virus in animal faeces.

Vet. Rec. 88(25):659-662, 1971.

PIL

PELEG, B.A.

A new method for the cultivation of foot and mouth  
disease virus in suspended cultures of bovine  
reticulum and omasum on a semi-industrial scale.

Refu. Vet. 28(2):45-50, 1971.

PIL

PINKOWSKI, D.I., and others.\*

Estudio de portadores de virus de la fiebre aftosa  
en bovinos exportados del Brasil par Venezuela.  
(A study of the transmission of foot and mouth  
disease virus in cattle exported from Brazil  
to Venezuela.)

Rev. Vet. Venez. 29:392-401, 1970 (Span.).

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent)  
10(7):121, 1971.

\*F.T. Narvaez, R.J. Stachissimi, and Santana, J.S. de.

SF 793 W4

RUIZ MARTINEZ, C.

Situation actuelle de la fievre aphteuse et  
autres maladies vesiculeuses sur les bovins  
des Ameriques. (Present position of foot and  
mouth disease and other vesicular diseases  
in cattle in the Americas.)

Pres. 39th Gen. Sess. OIE Comm., Paris, May 1971.

Bull. Off. Int. Epizoot. 76(v. ): , 1971.

PIL &amp;

Abstr.in: Foot and Mouth Dis. Bull. (Wellcome Res.  
Labs., Kent) 10(7):106(71/110), 1971.

SF 793 W4

SIBGATULLIN, R.S., and NURIEV, G.G.

Comparison of different ways of injecting foot  
and mouth disease vaccine into cattle.

Uch. Zap. Kazan, Vet. Inst. 105:60-65, 1969(Russ.).

Vet. Bull. 41(7):540(3314), 1971.

PIL

SINGH, P.P.

Typing and serological studies of foot-and-mouth  
disease virus.

Agra Univ. J. Res. 17(1968), Part 2:89-90, 1969.

Index Vet. 38(4):210, 1970, publ. 1971.

PIL

SUTMOLLER, P., GRAVES, J.H., and McVICAR, J.W.

Influence of enterovirus on foot-and-mouth disease  
virus infection: a hypothesis.

U.S. Anim. Health Assoc., Proc. 74:235-240, 1970, publ. 1971. #

PIL/A &amp;



FOOT-AND-MOUTH DISEASE

TASBULATOV, E.S.

Survival of foot and mouth disease virus in  
abattoir buildings.

Tr. Vses. Nauchno-Issled. Inst. Vet. Sanit.  
35:50-53, 1970 (Russ.).

Vet. Bull. 41(7):541(3321), 1971.

PIL

TOLSTOVA-PARIISKAYA, N.G., SHCHEGLOV, A.M., and  
GONCHARUK, G.E.

Morphogenesis of complications of foot and mouth  
disease in cattle.

Dokl. Vses. Akad. S-kh. Nauk (8):28-30,  
1970 (Russ.).

Vet. Bull. 41(7):540(3313), 1971.

PIL

TURUBATOVIC, R., and PANJEVIC, D.

Laboratorijska dijagnostika slinavke i sapa.

\*\*--(Laboratory diagnosis of foot and mouth disease.)

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent)  
10(8):139, 1971.

\*\*--Vet. Glas. 24:495-501, 1970 (Cr.e.r.).

SF 793 W4

U.S. ANIMAL HEALTH ASSOCIATION. COMMITTEE ON  
INFECTIOUS DISEASES OF CATTLE.

Report.

U.S. Anim. Health Assoc., Proc. 74:109-114, 1970,  
publ. 1971.

PIL

WAGNER, G.G., and COWAN, K.M.

Application of radial immunodiffusion for the detection  
of foot-and-mouth disease virus infections.

Bacteriol. Proc. 71:176(V49), 1971.

PIL/A

WARRINGTON, R.E., and KAWAKAMI, Y.

Detection of foot-and-mouth disease virus  
antibodies. II. Use of fractionated  
bovine antisera for improving the  
specificity of a "passive" hemagglutination test.  
Appl. Microbiol. 22(1):37-43, 1971.

PIL/A &  
#

WARRINGTON, R.E., and KAWAKAMI, Y.

Selection of a suitable variants of foot-and-mouth  
disease virus, type A<sub>12</sub>, strain 119 (A-119)  
for use in a "passive" hemagglutination test  
to detect antibodies.

Bacteriol. Proc. 71:184(V99), 1971.

PIL/A

WARRINGTON, R.E., and MORGAN, D.O.

Foot-and-mouth disease virus in cattle and pigs:  
use of polyethylene glycol or dextran for  
purifying 19S<sub>vM</sub> immunoglobulin from sera.

Arch. Gesamte Virusforsch. 33(1-2):134-144, 1971.

PIL/A &  
#7311



FOOT-AND-MOUTH DISEASE

WISNIEWSKI, J., and others.\*

Immunization value of experimental foot and mouth disease vaccines prepared from type C virus multiplied in cell cultures.

Bull. Vet. Inst. Pulawy 14(1/2):24-29, 1970.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 10(8):134(71/137), 1971.

\*C.Z. Baranowski, J. Jankowska, T. Kobusiewicz, and S. Szkilnik.

SF 793 W4

\* \* \* \* \*

WORLD VETERINARY CONGRESS, 19th, Mexico City, 1971, in 3 vols., 1236 p., illus., 1971.

SF 605 I48

\* \* \* \*

BOLDRINI, G.M.

Foot-and-mouth disease as a world problem. The position in Europe.

Vol. 2:532-535

BROOKSBY, J.B.

Foot-and-mouth disease as a world problem and measures for its control in different regions: summary of situation in Africa. Vol. 1:247-248/Vol. 3:1202-1209

CALLIS, J.J., and others.\*

Foot-and-mouth disease virus - immunization.

\*P.D. McKercher, J.H. Graves, and M.V. Fernandes. Vol. 3(insert)

CHAPPUIS, G., MOREAU, Y., and MACKOWIAK, C.

Anticorps et immunite antiaphteuse chez les bovins.

(FMD-anti-bodies and immunity on cattle.)

English summary.

Vol. 1:243-246

FERNANDES, M.V., and GOIC MARTINIC, R.

La fiebre aftosa en el hemisferio occidental.

Vol. 3:1210-1218

GIRAUD, M., and others.\*

Resultats sur la vaccination du porc contre la

fievre aphteuse avec un trivalent O, A, C.

(Results about vaccination of pigs against foot and mouth disease with a trivalent vaccine O, A, C.)

English summary.

\*J. Guerche, R. Loquerie, and P. Prunet. Vol. 3:1011-1016, 1020

GIZATULLIN, Kh.G.

Interferon and properdin - against foot-and-mouth disease.

English summary.

Vol. 3:1017

GOLOVCHENKO, A.P., and RATNER, L.S.

Experimental study of foot-and-mouth disease: pathogenesis and immunity.

English summary.

Vol. 2:705-706



FOOT-AND-MOUTH DISEASE

WORLD VETERINARY CONGRESS, continued:-

PAREZ, M., and JONDET, R.

La semence de taureaux vaccines contre la fievre aphteuse peut-elle transmettre la maladie aux vaches inseminees artificiellement? (Could the foot-and-mouth disease be transmitted by the semen from bulls, vaccinated against this disease, to artificially served cows?)

English summary.

Vol. 3:1220-1225

THEIN, P., and TRAUB, E.

Die Eignung der Weissen Maus zur MKS-Vakzineprüfung.  
(Qualification of white mice for potency test  
in FMD-vaccines.)

English summary.

Vol. 2:691

ZEIN-EL-DINE, M.

The zoo-sanitary position and methods of control  
used in the United Arab Republic.

Pres. 39th Gen. Sess. OIE Comm., Paris, May 1971.  
Bull. Off. Int. Epizoot. 76(v. ): , 1971.  
Abstr. in: Foot and Mouth Dis. Bull. (Wellcome Res.  
Labs., Kent) 10(7):106-107(71/111), 1971.

PIL &

SF 793 W4

FOWL PLAGUE

DAWSON, P.S.

Antigenic affinity in avian respiratory viruses.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:228-231, 1971.

SF 605 I48

MADELEY, C.R., ALLAN, W.H., and KENDAL, A.P.

Studies with avian influenza A viruses: serological  
relations of the haemagglutinin and neuraminidase  
antigens of ten virus isolates.

J. Gen. Virol. 12(2):69-78, 1971.

PIL

MALLUCCI, L., and SKEHEL, J.J.

Infection of tumour cells by fowl plague virus  
in the presence of actinomycin D.

Nat. New Biol. (Lond.) 232(32):179-181, 1971.

PIL

IBARAKI VIRUS (BLUETONGUE OF CATTLE)

BANNISTER, G.L., and others.\*

Serological diagnosis of bluetongue.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 3:1113, 1971.

\*P. Boulanger, A. Girard, and G.M. Ruckerbauer.

SF 605 I48



IBARAKI VIRUS (BLUETONGUE OF CATTLE)

BOULANGER, P., and others.\*

Serological studies in bluetongue.

Pres. 13th Annu. Meet. Am. Assoc. Vet. Lab. Diagn.

In: U.S. Anim. Health Assoc., Proc. 74:537-548,  
1970, publ. 1971.

\*A. Girard, G.L. Bannister, and G.M. Ruckerbauer.

PIL

BOWNE, J.G., JOCHIM, M.M., and LUEDKE, A.J.

Recent advances in bluetongue disease research  
in the United States.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:344-347, 1971.

SF 605 I48

LOUPING ILL

ANON.

Louping ill.

["A new vaccine, which has been developed at  
Moredun, might be marketed later this year by  
Burroughs Wellcome. . . ."]

The Scott. Farmer, p. , July 3, 1971.  
Vet. Rec. 89(2):42, 1971.

PIL

DOHERTY, P.C., and REID, H.W.

Experimental louping-ill in sheep and lambs.

II. Neuropathology.

J. Comp. Pathol. 81(3):331-337, 1971.

PIL

LUMPY SKIN DISEASE

DAVIES, F.G., and others.\*

The laboratory diagnosis of lumpy skin disease.

Res. Vet. Sci. 12(2):123-127, 1971.

\*H. Krauss, J. Lund, and M. Taylor.

PIL

PLOWRIGHT, W., and JESSETT, D.M.

Investigations of Allerton-type herpes virus  
infection in East African game animals  
and cattle.

J. Hyg. (Camb.) 69(2):209-222, 1971.

PIL

YOUNG, E., BASSON, P.A., and WEISS, K.E.

Experimental infection of game animals with lumpy  
skin disease virus (prototype strain Neethling).

Onderstepoort J. Vet. Res. 37(2):79-87, 1970.

PIL

RINDERPEST

BERNARD, G., and BOURDIN, P.

Etat immunitaire actuel, naturel ou acquis du chptel  
senegalais vis-a-vis de la peste bovine, de la  
maladie des muqueuses, de la rhinotracheite  
infectieuse et de la maladie respiratoire a  
virus parainfluenza III.

(Continued on page 133)



RINDERPEST

BERNARD, G., and BOURDIN, P. (continued from p. 132):-  
(Natural or post-vaccinal present immunity of  
senegalese cattle sheep and goats for rinderpest,  
mucosal disease, infectious rhinotracheitis and  
parainfluenza III virus.)

English summary.

Rev. Elev. Med. Vet. Pays Trop. 24(2):183-189, 1971.

PIL

DeTRAY, D.E.

Joint campaign against rinderpest in Africa.

U.S. Anim. Health Assoc., Proc. 74:225-229, 1970,  
publ. 1971.

PIL

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

ANIMAL PRODUCTION AND HEALTH COMMISSION FOR THE  
NEAR EAST.

Notes on rinderpest (applicable to the Near East Region).

Cairo, UAR, FAO Near East Regional Office,  
Information Service of the Commission's Bureau,  
18 p. (Publication series AN-H 1/70), 1970.

#8592

PLOWRIGHT, W., HERNIMAN, K.A.J., and RAMPTON, C.S.

Studies on rinderpest culture vaccine.

IV. The stability of the reconstituted product.

Res. Vet. Sci. 12(1):40-46, 1971.

PIL

PROVOST, A.

Affinites antigeniques entre les virus animaux:  
applications en prophylaxie en particulier au  
groupe rougeole-peste bovine. (Antigenic  
affinity between animal viruses: prophylactic  
use, namely for the measles-rinderpest virus  
group.)

English summary.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:224-227, 1971.

SF 605 I48

PROVOST, A., MAURICE, Y., and BORREDON, C.

Protection antipestique conferee aux bovins par  
le virus de la rougeole. II. Vaccination des  
veaux nes de meres elles-memes vaccinees avec  
la souche MB 113 Y. (Rinderpest production in  
cattle by the measles virus. II. Vaccination of  
calves from dams vaccinated by the MB 113 Y  
strain of measles virus.)

English summary.

Rev. Elev. Med. Vet. Pays Trop. 24(2):167-172, 1971.

PIL

PROVOST, A., and others.\*

Note sur une production de plasma antibovipestique.

English summary.

Bull. Epizoot. Dis. Afr. 19(1):15-17, 1971.

\*C. Borredon, Y. Maurice, and R. Queval.

PIL



SCRAPIE

BARNETT, K.C., and PALMER, A.C.  
Retinopathy in sheep affected with natural scrapie.  
Res. Vet. Sci. 12(4):383-385, 1971. PIL

CLARKE, M.C., and HAIG, D.A.  
Multiplication of scrapie agent in mouse spleen.  
Res. Vet. Sci. 12(2):195-197, 1971. PIL

GUSTAFSON, D.P., and BUENING, G.M.  
Enzymatic aberrations in brains of mice with scrapie.  
In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:192-195, 1971. SF 605 I48

HANSON, R.P., ECKROADE, R.J., and MARSH, R.F.  
Transmissible mink encephalopathy and scrapie.  
In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:188-191, 1971. SF 605 I48

KIMBERLIN, R.H., MILLSON, G.C., and HUNTER, G.D.  
An experimental examination of the scrapie  
agent in cell membrane mixtures.  
III. Studies of the operational size.  
J. Comp. Pathol. 81(3):383-391, 1971. PIL

LAMPERT, P.W., GAJDUSEK, D.C., and GIBBS, C.J., Jr.  
Experimental spongiform encephalopathy (Creutzfeldt-  
Jakob disease) in chimpanzees. Electron  
microscopic studies.  
J. Neuropathol. Exp. Neurol. 30(1):30-32, 1971.  
Biol. Abstr. 52(14):7875-7876(78861), 1971. PIL

LAVELLE, G.C., STURMAN, L.S., and HADLOW, W.J.  
Distribution of scrapie virus in spleens of  
Balb/c mice.  
Bacteriol. Proc. 71:178(V64), 1971. PIL

LITTLE, K., and ADAMS, D.H.  
Enzymes in scrapie-affected mouse spleen.  
Res. Vet. Sci. 12(2):202-204, 1971. PIL

MERZ, P., MERZ, G., and CARP, I.  
Beta-glucuronidase activity in various organs  
of scrapie infected mice.  
Bacteriol. Proc. 71:179(V68), 1971. PIL

PATTISON, I.H., and JEBBETT, J.N.  
Clinical and histological observations on  
cuprizone toxicity and scrapie in mice.  
Res. Vet. Sci. 12(4):378-380, 1971. PIL

PATTISON, I.H., JONES, K.M., and JEBBETT, J.N.  
Detection of the scrapie agent in tissues of  
normal mice with special reference to the  
possibility of accidental laboratory contamination.  
Res. Vet. Sci. 12(1):30-39, 1971. PIL



TESCHEN DISEASE

RAMISSE, J., and others.\*

Etude de quelques proprietes physico-chimiques du virus de l'encephalomyelite porcine malgache.  
(Studies on some physical and chemical properties of the swine encephalomyelitis virus of Madagascar.)

English summary.

Rev. Elev. Med. Vet. Pays Trop. 24(2):191-201, 1971.

\*H. Serres, P. Rasolofomanana, and E. Rakotondramary.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

ANON.

Officials doubt need for mass vaccination against equine encephalomyelitis.

J. Am. Med. Assoc. 217(6):758-759, 1971.

PIL

ANON.

USDA seeks to prevent spread of VEE in U.S.

J. Am. Vet. Med. Assoc. 159(4):379-381, 1971.

PIL

ANON.

VEE confirmed in Texas.

J. Am. Vet. Med. Assoc. 159(4):387, 1971.

PIL

BIGLER, W.J.

Serologic evidence of Venezuelan equine encephalitis virus infections in raccoons of South Central Florida.

J. Wildl. Dis. 7(3):166-170, 1971.

PIL

BUFF, E.E., and others.\*

Venezuelan equine encephalitis (VEE) in Florida - epidemiologic studies of subclinical infection. Bacteriol. Proc. 71:175(V47), 1971.

\*A.K. Ventura, W.J. Bigler, N.J. Ehrenkranz, Florida Division of Health, and University of Miami.

PIL

DICKERMAN, R.W., and others.\*

Venezuelan encephalitis virus along the central and northern Gulf coast of Mexico as of July-September 1969.

Bol. Of. Sanit. Panam. 71(2):143-151, 1971.

\*M.L. Zarate, W.F. Scherer, and J. de Mucha-Macias.

PIL

ERSHOV, F.I., ZHDANOV, V.M., and URYVAEV, L.V.

Synthesis of infectious ribonucleoprotein arbovirus in subcellular cultures.

Dokl. Akad. Nauk SSSR 189(3):647-650, 1969 (Russ.).

Chem. Abstr. 72(19):84(97525x), 1970.

PIL

FARM JCURNAL.

VEE: costliest disease break in years.

["Here's a first-hand report on how a virulent form of sleeping sickness, deadly to horses, spread faster than expected and caused a national emergency." ]

Farm J. 95(9):21, 26, 1971.

CIRC.FILE



VENEZUELAN EQUINE ENCEPHALOMYELITIS

GALAKHAR', N.L., and PODOPLEKIN, V.D.

Osobennosti reproduktsii variantov virusa

venesuel'skogo entsefalomielita v kul'ture tkani. (Features of the reproduction of Venezuelan encephalomyelitis virus variants in tissue culture.)

Tr. Tomsk. Nauchno-Issled. Inst. Vaktsin Syvorotok 21:46-49, 1969. From Ref. Zh. Biol., No. 9B173, 1970.

Biol. Abstr. 52(13):7578(75775), 1971.

PIL

GILLETTE, R.

VEE vaccine: fortuitous spin-off from BW research.

Science (Wash.) 173(3995):405-408, 1971.

PIL

GREAT BRITAIN. PARLIAMENT.

Import of horses.

["...protect horses in Great Britain from the risk of the introduction of Venezuelan equine encephalomyelitis from countries where the disease occurs or to which it may spread,..."]

Vet. Rec. 89(4):121, 1971.

PIL

HEARN, H.J., and JAMESON, P.

Plaque size and virulence of attenuated Venezuelan equine encephalomyelitis virus after passage in various hosts.

Am. J. Epidemiol. 94(1):56-61, 1971.

PIL

JONES, L.P., and others.\*

Follow-up on Venezuelan equine encephalitis-Texas.

Morb. Mortal. Wkly. Rep. (USDHEW) 20(31):275-276, 1971.

\*M.S. Dickerson, J.E. Peavy, R.E. Omohundro, the Laboratory Division, and the Epidemiology Program, CDC.

CIRC.FILE

KUBES, V., and RUIZ, J.A.

Prueba de proteccion en ratones contra tres cepas VEE. (Mice immunization trial against three VEE strains.)

English summary.

In: World Vet. Congr., 19th, Mexico City, 1971, Vol. 2:693-694, 1971.

SF 605 I48

NEWSPAPER CLIPPINGS - VEE epidemic-Texas.

#8563/14-20

SGIBNEVA, E.I., and FEDOROV, Y.V.

Razrabotka optimal'nykh uslovii reproduktsii virusa venezuel'skogo entsefalomielita v kul'ture tkani fibroblastov embrionia kuritsy. (The development of optimal conditions for the reproduction of Venezuelan encephalomyelitis virus in chick embryo fibroblast tissue culture.)

Tr. Tomsk. Nauchno-Issled. Inst. Vaktsin Syvorotok 21:37-39, 1969. From Ref. Zh. Biol., 9B175, 1970.

Biol. Abstr. 52(13):7578(75774), 1971.

PIL



VENEZUELAN EQUINE ENCEPHALOMYELITIS

SOLYANIK, R.G., PODOPLEKIN, V.D., and FEDOROV, Y.V.  
Izmenchivost' virusa venesuel'skogo entsefalomyelita  
loshadei pod vozdeistviem azotistoi kisloty.  
(Variability of Venezuelan equine encephalo-  
myelitis virus under the action of nitrous acid.)  
Tr. Tomsk. Nauchno-Issled. Inst. Vaktsin  
Svorotok 21:57-59, 1969. From Ref. Zh. Biol.,  
No. 9B176, 1970.  
Biol. Abstr. 52(13):7578(75773), 1971.

PIL

SPERTZEL, R.O., and MCKINNEY, R.W.  
V.E.E., a disease on the move.  
U.S. Anim. Health Assoc., Proc. 74:268-275, 1970,  
publ. 1971.

PIL

SULLIVAN, R., and others.\*  
Inactivation of thirty viruses by gamma radiation.  
Appl. Microbiol. 22(1):61-65, 1971.  
\*A.C. Fassolitis, E.P. Larkin, R.B. Read, Jr., and  
J.T. Peeler.

PIL

YERSHOV, F.I., ZHDANOV, V.M., and URYVAYEV, L.V.  
Formation of ribonucleoprotein particles by  
interaction of infectious viral RNA with  
cytoplasmic cell fractions.  
Arch. Gesamte Virusforsch. 33(1-2):1-8, 1971.

PIL

ZHDANOV, V.M.  
Replication complexes of some RNA-containing viruses.  
Vestn. Akad. Med. Nauk SSSR 26(2):3-13, 1971 (Russ.).  
Chem. Abstr. 75(5):155(31694g), 1971.

PIL

ZHDANOV, V.M., ERSHOV, F.I., and URYVAEV, L.V.  
Extracellular synthesis of infectious ribonucleo-  
protein on preformed subcellular structures.  
Vestn. Akad. Med. Nauk SSSR 26(2):13-26, 1971 (Russ.).  
Chem. Abstr. 75(5):155(31693f), 1971.

PIL

ZHDANOV, V.M., ERSHOV, F.I., and URYVAEV, L.V.  
Replicative complex of Venezuelan equine  
encephalomyelitis virus.  
Dokl. Akad. Nauk SSSR 189(6):1382-1384, 1969 (Russ.).  
Chem. Abstr. 72(21):109(108175m), 1970.

PIL

VESICULAR STOMATITIS VIRUS

ANGULO, A.B., and SAVAN, M.  
Preliminary studies in interferon induction on  
the respiratory tract of cattle.  
Pres. 13th Annu. Meet. Am. Assoc. Vet. Lab. Diagn.  
In: U.S. Anim. Health Assoc., Proc. 74:577-583,  
1970, publ. 1971.

PIL

BALTIMORE, D.  
Viral genetic systems.  
Trans. N. Y. Acad. Sci., Ser. II, 33(3):327-332, 1971.

PIL



VESICULAR STOMATITIS VIRUS

BARKER, A.D., RHEINS, M.S., and WILSON, H.E.

Amelioration of Friend virus leukemia by  
sequential administration of viral and  
nonviral interferon inducers.

Proc. Soc. Exp. Biol. Med. 137(3):981-987, 1971.

PIL

CORMACK, D.V., HOLLOWAY, A.F., and WONG, P.K.Y.

Studies of virus-specific RNA synthesis in cells  
infected with temperature sensitive mutants of  
vesicular stomatitis virus.

Phys. Med. Biol. 15(4):759, 1970.

Biores. Index 7(7):1058(45559), 1971.

PIL

DEUTSCH, V., and BERKALOFF, A.

Analyse d'un mutant thermolabile du virus de la  
stomatite vesiculaire (VSV). [The study  
of a thermolabile mutant of vesicular  
stomatitis virus (VSV).]  
English summary.

Ann. Inst. Pasteur (Paris) 121(1):101-106, 1971.

PIL

HALLUM, J.V., THACORE, H.R., and YOUNGNER, J.S.

Effect of exogenous interferon on L cells  
persistently infected with Newcastle  
disease virus.

Bacteriol. Proc. 71:187(V117), 1971.

PIL

HORAK, I., JUNGWIRTH, C., and BODO, G.

Poxvirus specific cytopathic effect in interferon-  
treated L cells.

Virology 45(2):456-462, 1971.

PIL

IZAWA, H., NAGABAYASHI, T., and SOEKAWA, M.

A mutant of hog cholera virus in the virus-carrier  
cell cultivated at a lower temperature.

Zentralbl. Veterinärmed., Reihe B 18(3):197-204, 1971.

PIL

LEFKOWITZ, S.S., HUNG, C.Y., and GEBER, W.F.

The effect of narcotic analgesics on interferon  
induction.

Fed. Proc. 30(2):502Abs(1712), 1971.

PIL

McSHARRY, J.J., COMPANS, R.W., and CHOPPIN, P.W.

Spike proteins of standard and phenotypically-  
mixed vesicular stomatitis virions.

Bacteriol. Proc. 71:215(V288), 1971.

PIL

NUWER, M.R., De CLERCQ, E., and MERIGAN, T.C.

Interferon clearance rate decreased after  
repeated injections.

J. Gen. Virol. 12(2):191-194, 1971.

PIL

PADNOS, M., SHIMONASKI, G., and CAME, P.E.

Circulating interferon during acute viremia  
with the M-P virus.

Bacteriol. Proc. 71:187(V115), 1971.

PIL



VESICULAR STOMATITIS VIRUS

PRINGLE, C.R., and DUNCAN, I.B.

Preliminary physiological characterization of  
temperature-sensitive mutants of vesicular  
stomatitis virus.

J. Virol. 8(1):56-61, 1971.

PIL

VISNA DISEASE

ABINANTI, F.R.

Chronic and degenerative diseases of man and  
analogous diseases in animals.

In: World Vet. Congr., 19th, Mexico City, 1971,  
Vol. 1:181-184, 1971.

SF 605 I48

ANON.

Oncogenicity detected.

Nature (Lond.) 232(5312):521, 1971.

PIL

ANON.

Two 'slow viruses' cause animal cancers in vitro.

J. Am. Med. Assoc. 217(7):886-887, 1971.

PIL

HARTER, D.H., SCHLOM, J., and SPIEGELMAN, S.

Characterization of visna virus nucleic acid.

Biochim. Biophys. Acta 240(3):435-441, 1971.

PIL

KARL, S.C., and THORMAR, H.

Demonstration of visna virus antibody formation  
in rabbits by complement-fixation and passive  
hemagglutination tests.

Bacteriol. Proc. 71:182(V88), 1971.

PIL

LIN, F.H., and THORMAR, H.

Isolation of RNA from visna virus.

Bacteriol. Proc. 71:214(V281), 1971.

PIL

MISCELLANEOUS

BRANAGAN, D.

A convenient method of labelling Ixodid ticks with  
radio-isotopes for future identification  
during field studies.

Trop. Anim. Health Prod. 3(2):101-106, 1971.

PIL

CRADDOCK, C.G., LONGMIRE, R., and McMILLAN, R.

Lymphocytes and the immune response (first of  
two parts).

N. Engl. J. Med. 285(6):324-331, 1971.

PIL

CRADDOCK, C.G., LONGMIRE, R., and McMILLAN, R.

Lymphocytes and the immune response (second of  
two parts).

N. Engl. J. Med. 285(7):378-384, 1971.

PIL



CRICK, J., and BROWN, F.  
An inactivated baby hamster kidney cell rabies  
vaccine for use in dogs and cattle.  
Res. Vet. Sci. 12(2):156-161, 1971. PIL

DERBYSHIRE, J.B., and COLLINS, A.P.  
The multiplication of Talfan virus in pig  
intestinal organ cultures.  
Res. Vet. Sci. 12(4):367-370, 1971. PIL

LANGFORD, E.V., and LEACH, R.H.  
A new species of *Mycoplasma* from cattle.  
Bacteriol. Proc. 71:77(M77), 1971. PIL

LEVINSON, W., WOODSON, B., and JACKSON, J.  
Inactivation of Rous sarcoma virus on contact  
with N-ethyl isatin B-thiosemicarbazone.  
Nat. New Biol. (Lond.) 232(30):116-118, 1971. PIL

McFERRAN, J.B., CLARKE, J.K., and CURRAN, W.L.  
The application of negative contrast electron  
microscopy to routine veterinary virus diagnosis.  
Res. Vet. Sci. 12(3):253-257, 1971. PIL

NASZ, I., and others.\*  
A possible pathogenic role for virus-carrier  
lymphocytes.  
J. Infect. Dis. 124(2):214-216, 1971.  
\*G. Kulcsar, P. Dan, and K. Sallay. PIL

PERK, K., HOD, I., and NOBEL, T.A.  
Pulmonary adenomatosis of sheep (Jaagsiekte).  
I. Ultrastructure of the tumor.  
J. Natl. Cancer Inst. 46(3):525-537, 1971. PIL

PERK, K., and others.\*  
Lung carcinoma of sheep (Jaagsiekte).  
II. Histogenesis of the tumor.  
J. Natl. Cancer Inst. 47(1):197-205, 1971.  
\*I. Hod, B. Presentey, and T.A. Nobel. PIL

ROSSI, C.R., and KIESEL, G.K.  
Microtiter tests for detecting antibody in bovine  
serum to parainfluenza 3 virus, infectious  
bovine rhinotracheitis virus, and bovine  
virus diarrhea virus.  
Appl. Microbiol. 22(1):32-36, 1971. PIL

YOSHINO, K., MORISHIMA, T., and AOKI, Y.  
Absence of an all-or-none type of complement  
requirement in early neutralizing antibody  
against Western equine encephalitis virus.  
Jap. J. Microbiol. 15(1):63-72, 1971. PIL

